

FIGURE 1

```

1      catggaaatcttgtgtttgtagGTGTGTGTCCACCGAGGCACCATCTACECTGTGGGCCA
61     GTTCTGGGAGGAGGCCCTGTGACGTGTGCACCTGCACGGACTTGGAGGACTCTGTGATGGG
121    CCTGCCGTGTGGCCCAGTGCTCCCAGAAGCCCTGTGAGGACAACCTGCCTGTCTGgttaagggg
181    agcagaggggctgggcactgcctggagcaggcaagggaacacactgggggagtgggggttc
241    tgggaaggggcaagagaccccttgagYaatttctggttcagggccagagatgaggggaag
301    gagaggact (SEQ ID NO:1)

```

**Intron 42**

gaaaacttatgtctacagGTGTGTGTCCACCGAAGCACCATCTACCCTGTGGGCCAGTTC HUMAN VWF  
||| ||| ||| | |||||||||||||||| |||||||||||||||||||||  
gaaatcttggttttagGTGTGTGTCCACCGAGGCACCATCTACCCTGTGGGCCAGTTC CANINE VWF

TGGGAGGAGGGCTGCGATGTGTGCACCTGCACCGACATGGAGGATGCCGTGATGGGCCCTC HUMAN VWF  
 |||||  
 TGGGAGGAGGCCTGTGACGTGTGCACCTGCACGGACTTGGAGGACTCTGTGATGGGCCCTG CANINE VWF

CGCGTGGCCCAAGTGCTCCCAGAAGCCCTGTGAGGACAGCTGTTCGGTTCGgtgagtggggc- HUMAN VWF  
|| || || || || || || || || || || || || || || || || || || || || || || || ||  
CGTGTGGCCCAAGTGCTCCCAGAAGCCCTGTGAGGACAAC TGCCTGTTCGgtaaggggagca CANINE VWF

Intron 43

```

-agggggctgggca HUMAN VWF (SEQ ID NO:10)
|||||
gaggggctgggca CANINE VWF (SEQ ID NO:11)

```

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## FIGURE 3.

A

## FORWARD PRIMER

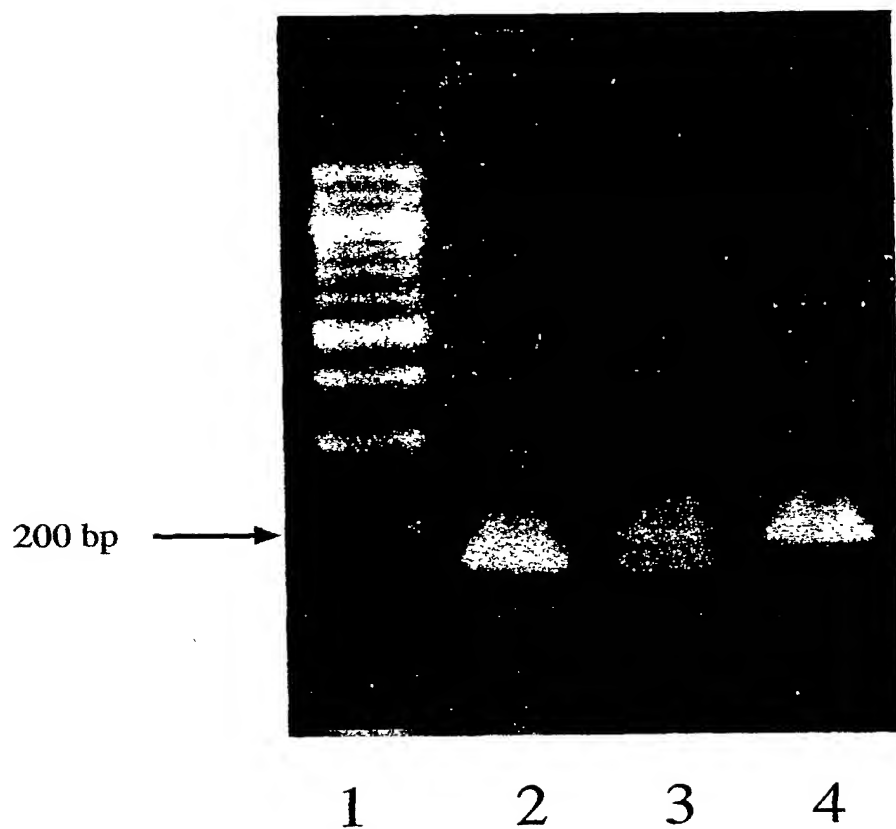
5' CATGGAAATCTTGTGTTTGTAG 3'  
1 catggaaatccttggtgtttgtagGTGTGTGTCCACCGAGGCACCATCTACCCTGTGGGCCA  
61 GTTCTGGGAGGAGGCCTGTGACGTGTGCACCTGCACGGACTTGGAGGACTCTGTGATGGG  
121 CCTGCGTGTGGCCAGTGCTCCCAGAAGCCCTGTGAGGACAACCTGCCTGTCAgtaagggg  
3' TATTCCCC  
181 agcagaggggctggggcactgcctggagc  
TCGTCTCCCCGTCCCGT 5'

## REVERSE PRIMER

B

**TaqI**  
TGCCTGTCGATaagggg wild type PCR product- cuts with TaqI  
TGCCTGTCAATaagggg mutant PCR product-does not cut with TaqI  
EXON43 intron 43

FIG. 4



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FIGURE 5

## INTRON 6

gatccccctgctgctgctgtccagagacctgggctctgcatgtcagggctcagtcctgg  
61 gaagtaacttttagtctccagccacttcttgagcatgagttcaacatctgtgctttgatgg  
121 atacactgtttaatttgacaaatgttgacaagcacctaccgggtgcctatgtgatggagc  
181 ttccctgggttttctggcggggctgggtctctccacggagccacattcaggagggcactaat  
241 ccaacgcactgtcgaggcagggctgcatgggtgctgtcctcactgcctggcttctcgttc

## EXON 7

301 ctgcagGTCCTGTGGGAACAGTGCCAGCTCCTGAAGAGTGCCTCGGTGTTTGCCCGCTGC  
361 CACCCGCTGGTGGACCCGTAGCCCTTGTGCGCCCTGTGTGAAAGGACTCTGTGCACCTGT  
421 GTCCAGGGGATGGAGTGCCCTTGTGCGGTCTCTCGGAGTACGCCCGGGCCTGTGCCAG  
481 CAGGGGATTGTCTTGTACGGCTGGACCGACCACAGCGTCTGCCgtaagtcagtggccac  
541 gctcccagctggggctgagtgctgtctgtcctggggtgtccccagggaagcccttgggct  
601 gtgtcaccatcctggaccttgccacacccccaaactggccagtgcctacagggccgattgt  
661 gcctgggcccacctgatcctgcaggaacgagaagccaggcagtgaggacagcacccatgca  
721 gccctggctcgacagtgcgttggttagtgccctcctgaatgtggctccgtggagagcca  
781 gccccgccaggaaaaccagggaagctccatcacataggcacccgggtaggtgcttgtcaac  
841 atttgtcaaattaaacagYtgtatccatcaaagcacagatgttgaactcatgtacaaga  
901 agtggctggagactaaagttacttcccagactgagccctgaacatgcagagcccagggtc  
961 tctggacagcagcagcagggggggtc

## INTRON 7

FIG. 6

